

Boiling Heat Transfer at the Coexistence of
Nucleate and Film Regions, by Kameyasu NISHIKAWA,
Ryutaro SHIMOMURA. 61
JAPANESE, per. Japan Soc. Mech. Engrs, Vol 20,
No 204, Aug 1963, pp 1381-1388. 9233271
AEC NSJ-tr-47

Ryutaro Shimomura

Sci/Engineering
Aug 66

306,217

Investigation of the Formation of Catalyst Systems
and of Alkylaluminums in Connection with the Poly-
merization of Ethylene at Atmospheric Pressure,
by A. Shimon, L. Kovach, D. Dezhnev, D. Lekhotzki
6 pp

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 11,
1959, pp 2541-2* 2546

Oct 60

CB
132, 207

Shimonae, G. S. and Rozhkov, L. V.
LIQUID-PHASE OXIDATION OF HYDROCARBONS IN
THE PRESENCE OF ETHYL FLUID [1964] 7p (figs
omitted) 11 refs
Order from OTS, SLA, or ETC \$1.10 TT-64-14936

Trans. of Zhur[nal] Fiz[icheskoi] Khim[ii] (USSR) 1955,
v. 29, no. 5, p. 791-796.

(Chemistry--Physical, TT, v. 11, no. 11)

TT-64-14936

I. Shimonae, G. S.
II. Rozhkov, L. V.

104930

Office of Technical Services

**Liquid-Phase Oxidation of Hydrocarbons
in the Presence of Liquid Tetramethyl
Lead, by G. S. Skimonaev, I. V. Koshlov,
15 pp.**

**RUSSIAN, per: Zhurnal Fizicheskoi Khimii,
Vol 31, No 2, 1957, pp 387-394.
SLA TT-65-10386**

G. S. Skimonaev

336,282

**Sci
Aug 67**

The Structural-Group Composition of Fuels and Their
Chemical Properties, by G. S. Shimonayev, L. S.
Stepanova.

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 12,
1959, pp 41-45.

NLL M. 3000

Sci

61-27592

Feb 62

186, 8900

Determination of Thermal Stability of Fuels,
by G. S. Shimonayev, et al. UNCL

RUSSIAN, per, Khim i Tekh Top i Masel, No 4,
1958, pp 46-51.

Co-op Tr Scheme 619
(12.8a.)

Sci - Fuels
Mar 59

new address:
OSIR Landing Lit Unit
20 Chester Terrace
London, N.W.1 83,409

A Study of the Comparative Properties of
Thrombotropin, Ac-Globulin and Factor VII, by
E. E. Shimonayeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 3,
1957, pp 572-

1
Consultants Bureau

Sci - Biology
May 1958

62,700

Fatty Impurities in Photographic Gelatin, by E. A.
Zinckin, A. F. Shimorina, 4 pp.

RUSSIAN, per. Zhur Nauch i Prikl Fotograf i
Kinematograf, Vol V, No 1, 1960, pp 57, 58.

CIA/PDD XX-923

NOT RELEASABLE TO FOREIGN NATIONALS

Sci. - Physics

Nov 60

USIB INTERNAL USE ONLY

132,327

Production of Polyester Synthetic Fibers, by
I. Shimosaka, Y. Hori.
JAPANESE, Patent Publ SHO 43-4545.
NTC 69-11397-11E

96

I. SHIMOSAKA

Sci-Mat
July 69

587,124

Equilibrium Conditions of Sodium Aluminate
Solutions, by J. Shimozato, 11 pp.
JAPANESE, per. Kogyo Kagaku Zasshi,
Vol 65, No 11, 1963, pp 1783-1787.
AST-55279J

J. Shimozato

398,781

Sci
Aug 67

Study of Properties of Heavy Steel Forgings Made of Basic Electric Arc and Acid Open Hearth Steels and an Examination of Vacuum Casting, by T. Shimose, K. Narita.

JAPANESE, per, Tetsu to Hagane, Vol 49, No 5, 1963, pp 765-774.

HB 7647

T. Shimose

Sci-Mat
June 69

383,278

How Does Stress Corrosion Cracking Occur in
Stainless Steel? by T. Shimose, A. Takamura.
JAPANESE, per, Metals, Vol 33, 1 Aug 1963,
pp 57-60. 9233751
AEC-tr-6751

73

T. Shimose

Sci/M&M
Aug 66

306,300

The Development of Infantry Weapons, by Engr Col
I. Shimov,

RUSSIAN, np, Krasnaya Zvezda, 9 Dec 1955.

CIA/FDD Sum 850

USSR

Nil

DO NOT PUT IN CTS

31,996

Pathogenicity of Rice Blast Bacteria and
Regional Differences in Rice Blast Resis-
tance in Particular Rice Plant Varieties,
by Shimoyama Morihito, Endo Tadamitsu.
JAPANESE, bk, Toketsei Hinshu no Inochi
Taibyosei no Chikissa to inochi Byokin
no Byogensei, Aug 1963, pp 17-19.
ACSI J-6266

FSTC HT-23-857-68

Shimoyama Morihito

Sci-B&M
Apr 69

380,534

48
About Effects of Atomic Bombers in the Japanese Language, Part II. Writing and Reading Disabilities, by Dr. Kame, T. Shimoyama.
CHICAGO, ILL., Archiv für Psychiatrie und Nervenkunde, Vol. 103, 1973, pp. 135-145.
DEC 69-12307-090

T. Shimoyama

Sol-Geb & Soc
Sept 69

394.107

Mechanism of Pumice Formation , by D. Shimozuru.
JAPANESE, per, Bull Volc Soc Japan 52, No 2, 1957,
pp 17-25
NZDSIR/RefNo 772

D Shimozuru

Sci -
Aug 67

335,104

(NY-6550)

NAHAL REGAINING MOMENTUM, BY YONAH SHIMSHI,
4 PP.

HEBREW, NP, LAMERHAV, 17 NOV 1961, P 4.

JPRS 12311

NEAR EAST AFRICA
ISRAEL, SOC
FEB 62

182,226

(NY-4692)

Ways in Which We Can Raise Labor Productivity
in the Transportation of Mail, by R. F.
Shimshilashvili, 12 pp.

RUSSIAN, per, Vest Svyazi, No 2 (239), 1960.

JPRS 5421

UESR

Econ

Oct 60

129,573

The Catalytic Dehydrogenation of Cyclohexene and
Cyclohexadiene-1, 3 on Platinum Films at 20°,
by V. M. ~~XXXX~~ Gryaznov, V. I. Shimulis, 6 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 6,
1961, pp 894-899.

CB

Sci
Sep 62

210,458

The Reaction of Benzene Vapor With Platinum Films,
by V. M. Gryaznov, V. I. Shimulis, 4 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 4, 1961,
pp 534-537.

CB

Sci

Jun 62

200,448

Mechanism of the Transformations of Cyclo-
~~hexene~~ hexene and 1,3-Cyclohexadiene on
Platinum Films, by V. M. Gryaznov, V. I. Shimulis,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 4, 1961, pp 870-873.

CB

Sci.

200,790

Jun 62

The Effects of Benzene Vapor Adsorption on
The Electrical Conductance of Transparent
Platinum Films of Various Surface Densities,
by V. M. Gryaznov, V. I. Shimilis, V. D.
~~Yegorovskiy~~ Yagodovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~CXXXIII~~,
No 5, 1960, pp 1132-1135.

CB

Sci

Apr 61

149,150

Characteristics of the Kinetics of the Isomeri-
zation of Allylbenzene on Platinum Films at
High Temperatures, by V. I. Shimulis, V. M.
Gryaznov, A. E. Cherkashin, 7 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I,
No 3, 1960, pp 401-407.

CB

168,547

Sci
Sep 61

The Kinetics of Allylbenzene Isomerization Over Hot
Palladium, Platinum, and Tungsten Wires, by
V. I. Shimulis, V. M. Gryaznov, 8 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 1,
1961, pp 127-134.

CB

Sci
Jun 62'

200,250

Electrophoretic Studies on Serum- and Other Body
Fluids- Protein (1) On Plasma-, Serum- and Ascites-
Protein in Patients With Malignant Tumor, by H.
Shimura, K. Tamazawa, 2 pp.

JAPANESE, per, Gann, Vol XLV, Sep 1954, pp 107-108.

33,536

NIH 335

Scientific - Medicine

SLA - 57-1710

Studies in the Physical Chemistry of Amino Acids
and Proteins. Part 3. The Free Energy of Hydration
of Glycine and its Crystal Energy, by K. Shimada,
11 pp.

JAPANESE, per, Nippon Kagaku Kaishi, Vol. XXIV,
1951, pp 412-416.

AEC-Tr-5845

Sci - N Phys

341,440

Aug 65

Visible and Ultraviolet Absorption Spectra
of $(\text{Pa}(\text{III})\text{O})_2$ Type Complexes, by
Y. Otsuoka, Y. Shimura, 7 pp.
JAPANESE, per, Nihon Kagaku Zasshi,
vol. LXXIV, no. 6, 1963, pp 496-499.
ATA-317915

132

Sci - Phys
Sept 63

Y. Shimura

Sci, 63

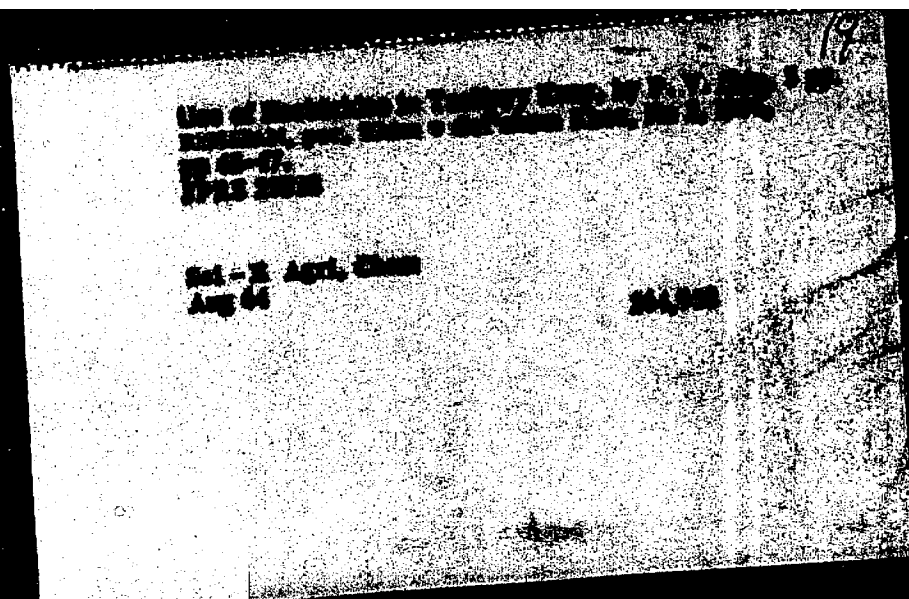
Studies on the Application of Polyphosphoric Acid
as a Condensing Agent, III. Acylation of Phenols
by Means of Benzoic Acid and Monohydroxybenzoic
Acids, by Koichi Nakazawa, Shin Matsuura, Shigeo
Baba

JAPANESE, Per, Yakugaku Zasshi 1954, Vol LXXIV,
No 5, pp 498-501

SLA 59-15020

Sci
Oct 59
Vol 2, No 3

99,888



Shin, Yuji.

METHOD OF MANUFACTURING POLYOLEFINE
MOLDINGS HAVING GOOD DYEING PROPERTY.

July 63, 6p.

Order from SA \$16.00

SA-Code-P-77

Trans. of [published] Japanese patent 12932/1962,
cl. 25-N-231 (26-B-11) (25-H-31) (48-B-02), filed 8 Mar 61,
appl. 7963/1961, pub. 4 Sep 62, by Toyo Rayon Co.
Ltd.

DESCRIPTORS: *Fibers (Synthetic), *Plastic films,
*Nylon, *Polyethylene plastics, Mechanical properties,
Processing, Manufacturing methods, *Ethylene oxide,
Potassium compounds, Hydroxides, *Dyes, Resorcinol,
Quinones.

(Materials--Plastics, TT, v. 10, no. 4)

63-17639

I. Shin, Y.

II. Patent (Japan)

pub. 37-12 932

III. SA Code-P-77

IV. Seizaburo Aoki (Japan)

Office of Technical Services

Polarography of Uranium, by M. Shinagawa, T. Murata,
58 pp.

JAPANESE , per, Polarography, Vol V , 1957, pp
41-59.

AEC Tr 3183
Sh. 58-534

Sci - Chem

May 58

62,658

Secondary Hydrogenation of Oil Obtained by the
Liquefaction of Coal, by Masatake Kurokawa,
Yoshio Kambayashi, Ryoji Shinagawa, 8 p.

JAPANESE, per, Kogyo Kagaku Zasshi, 1944, Vol XLVII
No 5, pp 455-461.

SLA 60-10035

Sci
Apr 60
Vol III, No 3

112,102

Q Fever in Bulgarian, by A. Mitov, L. Stindarov,
et al, 7 pp.
RUSSIAN, per, Zhur Mikrobiol. Epidemiol i
Immunibiol. Vol XII, No 8, 1964, pp 101-106.
JPRS 20927

Sci - B & M
Oct 64
Epi

268,591

Coxsackie Viruses Isolated in Bulgaria, by
L. Shindarov, Z. Savov, 5 pp.

RUSSIAN, PER, Voprosy Virusolog, Vol VI, No 5,
1961, pp 568-572.

PP

Sci

Oct 62

216,107

(DC-5767)

Materials on the Epidemiology and Etiology of
Q Fever, by L. Shindarov, 6 pp.

BULGARIAN, per, Khigiena, No 6, Nov/Dec 1960,
pp 30-35.

JPRS 8403

Sci - Med

Jun 61

155,897

Hepatic Tumor Induced in Rats by 2-Acetylaminofluorene, Sex Difference, and Tumors of Other Organs. Histologic Comparison and Nuclear X Volume, by T. Hachisuga, H. Shindo, H. Iwata, T. Kato, 7 pp.

JAPANESE, per: Gann, Vol XLVIII, No 4, Dec 1957, pp 581-582.

NIH 8-3

Sci - Med

73,497

Sep 58

The Reaction Between Carbon Tetrachloride and
Sodium Nitrite, by A. A. Ponomarenko, R. E.
Shindel'; 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 2,
1960, pp 306-312.

Cleaver-Hume Press

Sci

Nov 60

132,045

Increasing the Power Factor of Plants With High
Electric Power Requirements by Means of Commutating
Units, by R. I. Shindel'man, 8 pp.

RUSSIAN, per, Tsvetnye Metally, Vol II, No 5,
1961, pp 29-36.

Primary Sources

Sci
19 Jul 62

204,133

Effect of Diffusion Through Porous Catalysts on
the Effective Reaction Rate, by H. Kubota, M.
Shindo, 6 pp.

JAPANESE, per, Chem Eng Japan (Kagaku Kogaku), Vol
XX, pp 11-13, 1956.

Assoc Tech Serv 65HLLJ

Sci - Chem
Aug 58

70,606

The Operator--The Central Figure in the Petroleum Industry, by I. A. Shindryayev.

RUSSIAN, per, Neft Khoz, Vol XXXIII, No 12, 1955, pp 87-89.

Tech and Comm Tr
\$25.00

U.S.R. 35,634
Scientific - Fuels

ECONOMIC

On the Problem of Converting Sizing Machines to
Gas, by V. M. Korolev, N. V. Shingarev, et al.,
6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Tekh Tekstil Prom, No 3(16), 1960.

Textile Institute

Experiments on Helical Instability in the Positive
Column in a Magnetic Field, by Shimamoto Susumu,
Imazu Shingo, et al, 9 pp.

JAPANESE, per, Kaku-Yugo Kenkyu, Vol IX, No 5, 1962,
pp 463-471. 9213065

AEC-WP-Tr-1034

Sci. & Chem.

76
Fractional Preparation of Various Salts from
Sea Water by Direct Boiling. by Shingo Tanaka,
JAPANESE, Patent No 112,088.
Dept of Inter
ACS 557 No 186

Sci-Chem.
Jan 67

316,715

Shingu, H.
PRODUCTION AND APPLICATIONS OF PROPYLENE
OXIDE. [1963] 13p.
Order from ATS \$21.75 ATS-42P66J

Trans. of Yukagaku (Japan) 1959, v. 8, no. 8,
p. 355-361.

DESCRIPTORS: *Epoxides, *Propenes, *Oxides,
Production,

(Chemistry--Organic, TT, v. 9, no. 9)

63-12853

- I. Shingu, H.
- II. ATS-42P66J
- III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS JJ-2978

336927

Office of Technical Services

~~Shingu, Haruo~~

COMPARISON BETWEEN OXYGEN METHOD AND AIR
METHOD IN SYNTHESIS OF ETHYLENE OXIDE BY
OXIDATION OF ETHYLENE. [1962] [13]p. 25 refs.
Order from SLA \$1.60 62-20351

Trans. of mono. Japan Petroleum Institute, meeting of
26-27 Sep 60, Tokyo. Proceedings, p. 89-95.

DESCRIPTORS: Synthesis, *Ethylene oxide, *Oxidation,
*Ethylenes, Catalysis, Reaction kinetics.

(Chemistry--Organic, TT, v. 10, no. 1)

62-20351

I. Shingu, H.

4508957

Office of Technical Services

Absorption of Ultrasonic Vibrations as a Measure
of the Elastic Properties of Rubber, by L. A.
Shinianskiy, V. I. Solon'ko, 2 pp.

RUSSIAN, no per, Zhur Telsh Fiz, Vol XXVI, No 10,
Oct 1956, pp 2302.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol I, No 10

Sci - Chemistry
Nov 57

Device for Multiplying and Dividing Voltages With
Dual-Supply Rotary Transformers, by M. I. Chernenko,
L. P. Shiniberov, 11 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved NVISSO SSSR
po Razdelu Prihorostroyeniya, Vol V, No 5, 1962,
pp 75-80.

JPRS 18821

Sci - Eng

May 63

228, 913

The Calculation of Follow-Up Systems for a
Vector Plotter, by A. P. Shiniberov.
UNCLASSIFIED

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavediy - Priborostroyeniye, No 4, 1959, pp
97-105.

ACBI H-7936
ID 2156389

129, 007

On the Identification of Chum Salmon Stocks In
the North Pacific by Means of Scales, Part I,
by Tetsuo Kobayashi, Shin-ichi Abe.

JAPANESE, pamphlet, Hokkaido Sakematsu Fukajo,
Aug 1958, 36 pp. INPTC Doc # 207

Dept of Interior
Pacific Salmon Investigation
Fish and Wildlife Service
SH211, #82, No 185

Sci - Biol

102,365

Nov 59

Pharmacological Studies on Metabolism of Cancer
Tissues (XIII): Pharmacological Studies on
Carcinostatic Effects of Some Plant Components
and Their Derivatives. (I), by Kotobuki, Fumio
Mimura, Shinichi Oku, et al, 7 pp.

JAPANESE, per. Gonn. Vol XLVIII, No 4, Dec 1957.
p. 443-445

NIH 2-6

Sci. Med

Mar 59

82,801

Structure of the Adduct of 1, 1-Diphenyl-
Ethylene With Sodium and its High Polymer, by
Keiji Kuwata, Shinichi Ishida, Kozo Hirota, 12 p.

JAPANESE, per, Hihon Kagaku Zasshi, 1959,
Vol LXXX, No 1, pp 25-27.

SLA 59-17077

Sci
Jan 60
Vol 2, No 8

105,467

~~XXXXXXXXXX~~
(FDD 26794)

How Should the Atomic Nuclei Be Conducted? by
Shinichiro, Tomonago, 7 pp.

JAPANESE, no par, Kaizo, Vol XXVI, No 1, Tokyo, 1955,
pp 213-215.

34, 811

CIA/FDD U-8181

FE - Japan
Sci - Physics,
Apr 56

51
The Rapid Determination of L-Leucine,
L-Isoleucine, and L-Valine in a Mixture
by Infrared Spectrometry, by
Shinichiro Kaga, Taizo Hayashi,
JAPANESE, per. Nippon Kagakugakai Kaishi
J. Agr. Chem Japan, Vol XXXVII, No 2,
1963, pp 116-117. 9230468

AEC ORNL Tr-241

Shinichiro KagaSciElect
Dec 65

293,318

~~XXXXXXXXXX~~
(DC-5292/5)

Comments on the Moscow Declaration, by Sato
Shinichiro, 8 pp. OFFICIAL USE ONLY

JAPANESE, per, Toho Sangokan, Vol II, No 1,
1961, pp 36-43.

JUNE 8001

~~XXXXXXXX~~ COPYRIGHT

153, 838

TE - China
Pol

Properties of Alumina Trihydrates Obtained by
the Ageing of Alumina Gel, by Y.K. Shimizu,
K.E. Funaki.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol. 67,
No. 5, 1964, pp 798-803
GB 118/PSS 2053/J

Y.K. Shimizu

Sci -
Aug 67

337-143

On the Glidspath, by F. Shinkarenko, Ye. Sukhorukov,
14 pp. FOR OFFICIAL USE ONLY

RUSSIAN, per, Aviatziya i Kosmonavtika, No 11, 1962.
~~9669630~~ 9669630

FID-ST 62 11

Sci

342,998

Aug 63

(DC-2800/21)

Concreteness in Work of Staff Party
Organizations, by F. Shinkarenko, 5 pp.

RUSSIAN, np, Sovetskaya Aviatziya, 5 May 1960,
p 2.

JPRS 6076

USSR

Po/

129,079

Oct 60

Handbook Manual Infantry Antitank Launcher
RPG-2, by I. K. Vll'chinskiy, G. M. Shukarev,
53 pp.

RUSSIAN, bk, Nastavleniye po Strelkovomu
Delu - Ruchnoy Protivo Tankovyy Granatomet
(R PG-2); second edition, revised, 1961,
96 pp, Encl No 1 to Rv-1150-61, 513th
Intelligence Corps Group.

USSR

K&L

4 May 62

193, 733

319th MI Gp

I-0397

ID 2166769

Fire Control, by G. Shinkarev, 4 pp.

RUSSIAN, per, Voyenny Vestnik, No 4, 1962.

ACSI I-0424 D
ID 2191530

Sci
22 Oct 62

213,617

Small Arms Firing Tables, by Lt. Col. G. M.
Shinkarev, 32 pp.

RUSSIAN, bk, Small Arms Manual - Principles of Firing
Small Arms, pp 176-222, 1957

OTIA Tr № 30

USSR
Mil
Jun 60

120,227

(NY-1830)

DELAYS IN CONSTRUCTING A RAYON PULP PLANT NEAR
LAKE BAYKAL, BY L. SHINKAREV, 5 PP.

RUSSIAN, NP, IZVESTIYA, 20 JUN 1962.

JPRS 15242

USSR
ECON
SEP 62

210,012

Morphological Changes of the Sacral Intervertebral
Ganglia on Application of High Ligature of the
Peritoneal Aorta, by V. P. Kurkovsky. A. P.
Polikarpov, M. N. Shinkarev, 4 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XLI,
No 9, Sep 1956, pp 64-66.

Consultants Bureau

Sci - Medicine
Jan 58

57,490

A Discovery of Alkalic Gabbroidal Rocks in the
Alai-Turkestan Alkalic Province, by N. P.
Shinkarey, L. L. Perchuk,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^{CXXVI,} ~~CXXVI~~, No 5,
1959, pp 1084-1085.

AGI

Sci

Jun 61

152, 224

The Zardalek Alkali Complex, Alai Range Geological
Position of the Intrusion and Main Features of
the Internal Structure, by N. F. Shinkarev, et al.

RUSSIAN, per, Zapiski Vsesoyuznogo Mineralog,
Vol LXXXVIX, No 1, 1960, pp 26-36.

DSIR LLJ RTS 1599

Sci - Geophys

Oct 60

130,709

541-1-15

(NK-5120)

New Technical Flow Charts for Concentrating the
Manganese Oxide Ores of the Nikopol' Basin, by
S. F. Shickorenko, M. Kh. Timofeyeva, G. M.
Kosoy, 15 pp.

RUSSIAN, per, Gornyy Zhur, No 8, 1960, pp 70-74.

JPRS 7126

USSR
Econ
Nov 60

133,600

Synthetic Dyes. XVII. Synthesis of
Azomethines by the Condensation of N-
Arylquinaldinium Quaternary Salts with
2-Nitroso- β -Naphthol, by G. T.
Pilyugin, S. V. Shinkorenko, 4 pp.

RUSSIAN, ~~Per~~, Zhur Obshch Khim, Vol XXX,
No 5, 1960, pp 1656-1660.

CB

164,698

Sci

Aug 61

Investigations in the Field of Synthetic Dyes.
XII. Synthesis of Monoazo Derivatives of
N-Arylquinazolinium Salts, by G. T. Pilyugin,
S. V. Shinkorenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2760-2762.

Consultants Bureau

Sci

Aug 60

126,755

Research in the Field of Synthetic Dyestuffs.
XI. Condensation of Salts of N-Arylquinoline
with Nitroso Compounds, by G. T. Pilyugin, S. V.
Shinkorenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1320-1323.

Consultants Bureau

Sci - Chem
Jul 59

93, 303

Research in the Field of Synthetic Dyestuffs. X.
Synthesis of N-Aryl-2- β -Anilino vinylquinoline
Derivatives and Their Transformations, by G. T.
Pilyugin, E. P. Opanasenko, S. V. Shinkorenko,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1316-1319.

Consultants Bureau

Sci - Chem
Jul 59

93, 302

Research in the Field of Synthetic Dyestuffs,
IX. Synthesis of Biazzo Dyes by the Condensation
~~Reaction~~ of Diazo Compounds with Salts of N-Aryl
Quinaldines, by G. T. Pilyugin, S. V. Shinkoranko,
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1313-1315.

Consultants Bureau

Sci - Chem
Jul 59

93,301

(FDD 24072)

People Who ²Wield Political Power in
Academic Circles, by Abe Shinnosuke,

JAPANESE, monograph, Gendai Nippon Jintokushu
Ron, Tokyo, 10 Apr 1953.

CIA/FID/Sun 428

FK - Japan
Political - Intellectuals
Biographic -

21,954

Microanalytical Determination of Thorium, by
M. Ishibashi, H. Shimomura, 6 pp.

JAPANESE, per, Japan Anal, Vol III, No III,
1954, pp 213-215.

Assoc Tech Ser 08M4J

Jul 56

69,919

Experimental Study on State with a Model
and Technological Considerations of the Street
Current Theory, by Akira Marui, Michito Shinno,
Sotomaru Shinno, Dap
JANUARY, 1957, Vol. 65, No. 7
pp 299-308
SEA 77-63-14070

Michito Shinno

Sci - Nat
June 67

339,567

On Human Relations Area Files, by Shinobu
Iwamura and Toru Yano, 5 pp.
JAPANESE, per, Shonan Aika Hapku, Vol 2,
1 Nov 1963
JPIS 31074

51

Shinobu Iwamura

FE-Japan
Eoc
Aug 65

833,838

79
Effect of Saline-Facilitated Upon the Inhibition
of Salivary Glands by X-Irradiation, by Masato
SHINODA, Yoshinori TAMAKI, Masatoshi KIMURA,

9 pp.

JAPANESE, par, Nippon Act. Radiol., Vol 23,
No 2, 1963, pp 285-290.

AND REF Tr-27

Masato SHINODA

131,173

Sci - Biol & Med

Jul 67

Properties of Aluminum-Coated Steel Studied by
Prolonged Heating Tests, by K. Toki, S. Shinoda.

JAPANESE, per, Tetsu to Hagane, Vol XLIX, No 10,
1963, pp 1589-1590.

HB 6083

Sci-M/M
Jan 64

246.344

AEC-tr-4482(p.384-98) Uncl.

EFFECTS OF RADIATION ON POLYVINYL ALCOHOL.
K. Shinohara, T. Takamatsu, and N. Tamura,
et al.

C-23 P NSA

*Second Japan Conference on
Radioisotopes, Feb 1958*

N-5

Radioanalysis of Cobalt (III) Ethylenediamine- 125
Trisacetyl in Aqueous Solution, by Tanaka, Hiro,
Kishida, Nobuyoshi, et al. 15 p.
J. Chem. Soc., per, Nippon Kagaku Zasshi, Vol 84, 1963
pp. 297-302.
NAC 10046-12-1241

No buyoshi Shinohara

101/100100

1: 57

100, 100

On Results of an Experiment for Practical Use
of the Three-Cup Anemometer, by T. Shinohara, 11 pp.

JAPANESE, per, Journal of Meteorological Research,
Vol X, No 7, 1958, pp 587-590. 9687185

DDC RSIC-56

240 - 240 240 240
Oct 63

240, 212

AEC-tr-4482(p.372-83) Uncl.

GRAFT VINYL COPOLYMERS OF POLYETHYLENE AND
NYLON. Y. Shinohara, M. Kashiwagi, and E.
Mukoyama.

C-23 P NSA

*Second Japan Conference on
Radioisotopes, Feb 1958*

145

Studies on the Drawing of Viscose Rayon Part III.
Effect of the Degree of Orientation on Dynamic
Properties, by Y. Shinohara, H. Tanzawa, 8 pp.

JAPANESE, per, Kobunshi Kagaku, Vol XIV, No 150,
pp 468-495.

ATS 98129J

ATS-JJ-2227

Sci

Jan 60

Vol 2, No 5

104,789

Optimization of Eneon Poisoning by Optimization of
Build-Up or Over-Ride, by Yoshikumi Shinohara,
Jean Valat, 6 pp. 68
FRENCH, per, Comptes Rendus, Vol CCLIX, 1964,
pp 1836-1839. 9228848
AEC-ORNL-Tr-419

Sci-Phys
Jun 65

2821,074

Shinkawa, Yasuo and Tsuchi, Tokuo.
METHOD OF IMPROVING DYE-AFFINITY OF POLY-
OLEFIN. July 63, 6p.
Order from SA \$16.00 SA Code T-198

Trans. published Japanese patent 9835/1962, cl.
16-B-11 (42-D-21) (136-G-22) (48-B-02) appl. no.
3002/1960 filed 3 Feb 60, pub. 21 July 62, by Togo
Rayon Co.

DESCRIPTORS: *Fibers (Synthetic), *Polyethylene
plastics, *Ethylenes, *Propenes, Methyl radicals,
*Vinyl radicals, *Pyridines, *Acrylic acid esters,
*Styrenes, *Catal polymers, Copolymerization, *Dyes

(Materials--Textiles, TT, v. 10, ... 9)

68-2228

I. Shinkawa, Y.
II. Tsuchi, T.
III. Patent (Japan) 37-7636
IV. SA Code T-198
V. Substances Acid (Japan)

444571

Office of Technical Services

Shinohara, Yasuo.
MODIFICATION OF FIBERS BY RADIATION-INDUCED
GRAFT COPOLYMERIZATION. [1961] [20]p. (foreign
text included) 9 refs.
Order from SLA \$1.60

61-16765

Trans. of Kōbunshi Kagaku (Japan) 1960, v. 17, no. 180,
p. 197-201.

DESCRIPTORS: *Nylon, Cellulose, Synthetic fibers,
Textiles, Polymers, *Copolymerization, Radio
Chemistry.

Conventional fibers such as cellulose and nylon are
capable of forming graft polymers easily when irradi-
ated first with radioactive rays, and then placed in con-
junction with a vinyl monomer or a solution thereof.
At the time of polymerization, it is effective when water
or methanol is co-present. When a vinyl polymer with
a high transition point is grafted on, the fiber becomes
hard as a rule, while when the transition point is low,
it becomes soft. (Author)

61-16765

1. Title: Graft polymers
1. Shinohara, Y.

NOT RECORDED

Office of Technical Services
(Materials--Textiles,
TT, v. 6, no. 6)

Studies of Ternary Systems of Organic Compounds, by C. Shinomiya and T. Asahina, 13 pp.

JAPANESE, per, J Chem Soc Japan Nippon Kagaku Kaishi, Vol LVII, 1936, pp 732-742.

SLA 57-8622

Sci

Jul 58

68,478

Continuous Preparation of Benzothio-
cyclohexane, by Hajime Saito, Kazuyoshi
Shinozaki, Kankyo Kaisha, 9 pp.
JAPANESE, patent publication Shown 23-2374,
1950.
SLA TT-64-2374

Kazuyoshi Shinozaki
338,770

861
Aug 67

Shinozaki, Y. and Kubo, H.

SYNTHESE DES AMINES A PARTIR D'ALCOOLS A LONGUES CHAINES (Synthesis of Amines from long-Chain Alcohols). 8p. 6refs. CNRS-XXVII 179. Order from OTS. ETC or CNRS \$0.80 TT-63-26549

Trans. in French of [Nihon Nogei-Kagakkai Shi] (Japan) 1936, v.13, pt.1, no.148, p.1.

DESCRIPTORS: *Amines, Alcohols, *Fatty acid esters, Hydrogenation, Cobalt, Ammonium compounds, Thorium compounds, Oxides.

(Chemistry--Organic, TT, v. 11, no. 7)

TT-63-26549

- I. Shinozaki, Y.
- II. Kubo, H.
- III. CNRS-XXVII 179
- IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translation Centre

On the Vertical Climb of Rockets, by
Ichiro Shinra,

JAPANESE, ~~various publications~~, Encl to
IR-132-55, Japan, 27 Jan 1955, 6004th
Air Intel Sv Sq. CIA D-181379.

AF 654189

Complete Translations available on request.

1410927

Reactions of BaO-TiO₂ System in the Solid State,
by T. Kubo, K. Shinriki, 8 pp.

JAPANESE, rpt, Tokyo Industrial Arts University,
Part I, 14 Oct 1950.

SIA Tr 2056

Sci - Chem

49,909

Jul 57

Shinriki of Powder Composite (Korea, 1970s),
by T. Kudo, E. Shinriki, et al.
J. J. Shinriki, ed., Korea Shinriki (Korea), Vol. 1, 1, 1, 1,
1976, pp. 918-922.
• 11

77

K. Shinriki

Shinriki
Jul 76

Reactions of BaO-TiO₂ System in the Solid State,
by T. Kubo, K. Shinriki, 7 pp.

Vol LIV,
JAPANESE, per, Nihon Kagaku Zasshi, 2nd rpt,
1951, pp 358-361.

BIA Tr 2054.

Sci - Chem

49,910

Jul 57

Chemical Reactions of $\text{BaCO}_3\text{-TiO}_2$ System in the Solid
State on the Process of Reaction, by T. Kubo, K
Shinriki, 9 pp.

Vol LV,
JAPANESE, per, Nihon Kagaku Zasshi, /3rd rpt, 1952,
Feb 1952, pp 49-51.

SLA Tr 2050

Sci - Chem

49,903

Jul 57